

ACC NR: AP6011978

SOURCE CODE: CZ/0057/65/000/007/0281/0281

AUTHOR: Bolek, Pavel; Zidek, Artur (Engineer)

ORG: Sheet Rolling Works, Frydek-Mistek (Valcovny plechu)

TITLE: Arrangement of centering guides on the "Kvarto P-1200 bench"

SOURCE: Hutnik, no. 7, 1965, 281

TOPIC TAGS: cast iron, ball bearing

ABSTRACT: The guides were originally constructed from grey cast iron, and designed as stationary plates. Their wear was substantial. The article describes a modification suggested by Leopold Kozak; in this modification the wear plates are replaced by rollers revolving on ball bearings. These guides last a long time and facilitate the operation. A saving of 90,000 Kcs per year is expected on the basis of this improvement. The design may be used in the new Iron Works of East Slovakia. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 13 / SUBM DATE: none

Card

1/1 dda

L 38573-66 EWP(v)/EWP(t)/ETI/EWP(k)/EWP(h)/EWP(l) IJP(c, JD/HW/DJ
ACC NR: AP6027696 SOURCE CODE: CZ/0057/66/000/004/0181/0182

AUTHOR: Bolek, Pavel; Zidek, Artur (Engineer) 37

ORG: Sheet Rolling Works, Frydek-Mistek (Valcovny plochu) B

TITLE: Removal of residues of rolling emulsion from the surface of sheets on a mill

SOURCE: Hutnik, no. 4, 1966, 181-182

TOPIC TAGS: rolling mill, sheet metal, mechanical engineering

ABSTRACT: The emulsion is removed by a jet of compressed air on the rolling mill.
The jets directing the air blast can be adjusted to various positions. An evaluation
experiment with 173 coils weighing 1760 tons was conducted; approximately 94% of the
material was cleaned satisfactorily. Orig. art. has: 2 tables. [JPRS: 36,646]

SUB CODE: 13 / SUBM DATE: none

Card 1/1 FV

ACC NR: AP6026605

SOURCE CODE: CZ/0057/65/000/012/0537/0537

AUTHOR: Bolok, Pavel; Zidek, Artur (Engineer)

33

ORG: Sheet Rolling Works, Frydek-Mistek (Valcovny plecha)

B

TITLE: Grease removing in rolling¹⁶ of transformer belts by burning of the emulsion

SOURCE: Hutnik, no. 12, 1965. 537

TOPIC TAGS: metal rolling, transformer steel, metallurgic process

ABSTRACT: The belts are greased with mineral oils, and the rollers cooled by circulation of an emulsion. Both the oil and the emulsion must be removed to prevent carbonization of the steel. The article describes experiments conducted at various temperatures. Best results were obtained at temperatures of 300-340°C; at higher temperatures remains of the burned emulsions were sticking to the belt. Orig. art. has: 1 table. [JPRS: 34,519]

SUB CODE: 11 / SUBM DATE: none

Card 1/1 *dy*

BOLEK, S.; SMEKAL, M.; VYKYDAL, M.; ZIZKA, Z.

Antibacterial and antimycotic effects of various antimalarials.
Bratisl. lek. listy 45 no.8:499-505 30 Ap '65

1. Okresni hygienicko-epidemiologicka stanice v Olomouci
(reditel: MUDr. V. Burian) a III. interni klinika Lekarske fakulty
University Palackeho v Olomouci (vedouci: prof. MUDr. V. Pelikan).

KOSTRO, Wojciech, mgr inz.; BOLEK, Zenon A., mgr inz.

Resistance selection in the rotor circuit of a simplified electric shaft. Przegl elektrotechn 39 no.10:387-391 0 '63.

BOLEK, Zenon, mgr.inz.

Electric installations on modern floating docks. Bud okretowe
Warszawa 7 no.8:260-264 Ag '62.

1. Biuro Konstrukcyjne Taboru Morskiego, Gdansk.

JALUVKA, V.; ROHANOVA, M.; BOLELOUCKY, Z.

Fertility after cesarean section. Cesk. gyn. 26 [40] no.7:523-527
1961.

1. I gyn. por. klin. UJEvP v Brne, prednosta prof. MUDr. L.Havlasek
Gyn. por. odd. OUNZ -Vyskov, prednosta prim. MUDr. E.Vavrik.
(CESAREAN SECTION) (FERTILITY)

ACC NR: AP6019959

SOURCE CODE: 06/0017/07/0017/0017/0017

AUTHOR: Boleloucky, Z. (Svitava)

19
B

ORG: Psychiatric Department, Hospital, Svitava (Nemocnice)

TITLE: Chlorpromazine²² inhibition of ejaculation [This paper was presented at the 7th Annual Psychopharmacological Meeting, Jesenik, 20-23 January 1965]

SOURCE: Activitas nervosa superior, v. 7, no. 3, 1965, 245

TOPIC TAGS: chlorpromazine, psychoneurotic disorder, biologic reproduction

ABSTRACT:

A 42 year old patient suffering from a paranoid schizophrenic pattern was treated with a daily dose of 200-800 mg of chlorpromazine. After discharge from the hospital in 1963 he was kept on a daily dose of 50-75 mg. In autumn of 1964 he reported that for the past 3 months he had no ejaculation, although erection and orgasm were normal. After a brief discontinuation of the drug, there was a temporary improvement. Results of neurological and internal examination were normal.

[Orig. art. in Eng.] [JPRS]

SUB CODE: 06/ SUBM DATE: none

Card 1/1 CC

BOLELOUCKY, Z.; KUDLICKA, J.

On results of surgical treatment of developmental anomalies of the uterus. Cesk. gynek. 27 no.10:702-704 D '62.

1. I gyn.-por. lek. fak. UJEvP v Brne, prednosta prof. dr.
L. Havlasek.

(UTERUS)

BOLEMAN, ESZTER

NEMETH, Tibor; PAPP, Andras; UVEGES, Jenó; NYARADY, Ivan; PAL, Ferenc;
BOLEMAN, Eszter

Fate of tuberculous patients treated with tuberculostatics 5 years after leaving the institute. Orv. hetil. 98 no.30:822-826 28 July 57.

1. Az Országos Korányi Tbc. Intézet (igazgató-őorvos: Seri István dr., tudományos vezető: Sebok Lorand dr.) szervezési módszertani, statisztikai és Tudobelosztályainak, és az. Allami Fedor József TBG Gyógyintézet (Igazgató-őorvos: Riskó Tibor Dr.) I. sz. Tudobelosztályának Közleménye.

(TUBERCULOSIS, PULMONARY, ther.
chemother., follow-up (Hun))

WILUN, Zenon, prof. inż.; BOLEŃSKI, Marian, mgr inż.

Subsoil studies with the ITB-ZW percussive rotary soil trial tool. Inst tech budow inf no.12:40-42 '63.

1. Zakład Mechaniki Gruntów i Fundamentowania, Instytut Techniki Budowlanej, Warszawa.

SOLT, Katalin, dr.; DOMOK, Istvan, dr.; BOLESKEI, Tibor, dr.

Epidemiologic and serologic analysis of 1st epidemics of
ornithosis in Hungary. Orv. hetil. 105 no.34:1590-1595
23 Ag '64.

1. Orszagos Kozegeszsegugyi Intezet es Bacs-Kiskun megyei
Kozegeszsegugyi-Jarvanyugyi Allomas.

EXCERPTA MEDICA Sec 16 Vol 7/5 Cancer May 59

1677. **Transformation of leucopenia into acute leukaemia in an X-ray technician** Pozorovaný zvrát leukopenie v akutní leukemii u rtg pracovníce. SKLENSKÝ B., BOLESLAV A. and DOSTÁLOVÁ H. *Klin. Chor. z Povolání, Brno Pracov. Lek.* 1958, 10/1 (57-61) Tables 1 Illus. 2

A case of an X-ray technician with 10 yr. practice and exposure to X-rays has been described. Due to technical insufficiencies in the installations and failure to observe safety rules, and with an individual increased sensitivity, a gradual decrease in leucocyte count was discovered in 1953 along with subjective complaints. In May 1956 a multiplication of immature forms in the leucocyte series was observed, both in the bone marrow and peripheral blood. By October of the same year there was an influenza-like clinical picture associated with a haematological transformation into an acute paramyeloblastic leukaemia. The patient died in March 1957. The clinical course of the leukaemia was somewhat different from idiopathic acute leukaemia.

BOLESLAV, A.

Directly coupled electrodynamic loud-speakers, p. 142, SDELOVACI
TECHNIKA (Ministerstvo strojirenstvi) Praha, Vol. 2, No. 5, May 1954

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 4, No. 12, December 1955

Boleslav, A.

2
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CZECH

534.64

2194. Measurement of acoustic resistances. A.
BOLESLAV. *Slaboprůmysl Obzor*, 14, No. 7-8, 332-3
(1955) In Czech.

Two methods of measurement are described. The system for the measurement of large resistances comprises two pressure gauges and a standard acoustic resistance, the measured quantity being compared with the standard. The equipment for the measurement of small resistances consists of a differential pressure gauge, two vessels containing water, a smoothing tank and an oil pump. The unknown magnitude is determined by measuring the time taken for a known quantity of water to flow between the two vessels and noting the pressure. Some measured values are quoted.

R. S. SIDOROWICZ

Row *11C*
2/22

BOLESLAV, A.

"New systems of reproducing sounds." p. 332

SDELOVACI TECHNIKA. Praha, Czechoslovakia, Vol. 3, No. 11, Nov., 1955

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September, 1959
Unclas

BOLESLAV, A.

BOLESLAV, A. Basic conditions for good-quality sound reproduction. p. 25
-mV-. Prototype of new Czechoslovak television set. p. 25.

Vol. 4, no. 1, Jan. 1956
SDELOVACI TECHNIKA
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

BOLESLAV, A.

Parallel dual-power amplifiers for lowfrequency amplification.

P. 227, (Sdelovaci Technika) Vol. 5, no. 8, Aug. 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

BOLESLAV, A.

New trends in sound recording and reproduction. p.318.
(Technicka Praca, Vol. 9, No. 5, May 1957, Bratislava, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. (, No. 9, Sept. 1957. Uncl.

BOLESLAV, A.

"Electrostatic loudspeakers."

p. 223 (Sdelovaci Technika, Vol. 6, No. 6, June 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 9, September 1958.

BOLESLAV, A.

TECHNOLOGY

Periodical: SDELOVACI TECHNIKA. Vol. 6, no. 8, Aug. 1958.

BOLESLAV, A. Stereophonic recording. p. 291.

Monthly List of East European Accession (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass.

BOLESLAV, A.

"The spring Audio Fair in London, 1959." p. 250

SDELOVACI TECHNIKA. (Ministerstvo strojirenstvi) Praha, Czechoslovakia,
Vol. 7, No. 7, July, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 9, September, 1959.
Uncl.

BOLESLAV, A.

"Recording responses of phonograph records." p. 253

SDELOVACI TECHNIKA. (Ministerstvo strojirenstvi) Praha, Czechoslovakia,
Vol. 7, No. 7, July, 1959.

Monthly List of East European Accessions (EEAL) LC, Vol. 8, No. 9, September 1959.
Uncl.

S/058/62/000/007/026/068
A061/A101

26.2212
26.1350
AUTHORS: Boleslav, František, Boleslav, Aleš

16

TITLE: Apparatus for the production of thermonuclear reactions

PERIODICAL: Referativnyy zhurnal, Fizika, no. 7, 1962, 73, abstract 7B589 P
(Chekhosl. pat., cl. 21 g, 21/10, no. 97708, 15.12.60)

TEXT: An apparatus for the production of thermonuclear reactions with deuterium ion acceleration in an alternating electric field is presented. It is suggested that the fast ions forming during the reaction be utilized either for the direct generation of electric energy using a collecting high-voltage electrode, or for the production of jet propulsion in interstellar spacecraft. The patent includes a schematic drawing of the apparatus described. /B

P. Sosenko

[Abstracter's note: Complete translation]

Card 1/1

BOLESLAV, Ales, dr., inz.

Stereophony and its application. Slaboproudy obzor 23 no.1
Suppl.:1-4 Ja '62.

BOLESLAV, A.; KOLMER, F.; MERHAUT, J.; NEMEC, J.; SLAVIK, J.B., prof.

Report on the 4th International Congress on Acoustics in Copenhagen, August 21-28, 1962. Slaboproudy obzor 24 no.3:183-185 Mr '63.

1. Katedra fyziky, Elektrotechnicka fakulta, Ceske vysoke uceni technicke Praha (for Slavik). 2. Vyzkumny ustav zvukove, obrazove a reprodukcní techniky, Praha (for Kolmer). 3. Statni vyzkumny ustav tepelne techniky, Praha (for Nemeč).

BOLESLAV, Ales, inz., dr.

"Loudspeakers; theory, performance, testing and design" by
N.W. McLachlan. Reviewed by Ales Boleslav. Slaboproudny
obzor:Suppl.: Literatura 24 no.4:L29, L31 '63.

S/058/62/000/007/026/068
A061/A101

26.2212
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TITLE: Apparatus for the production of thermonuclear reactions

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P. Sosenko

[Abstracter's note: Complete translation]

Card 1/1

BOLESLAV, Frantisek, inz. (Gottwaldov, Sevcovska 36/67)

A device for exchange of fuses on low-voltage lines.
Energetika Cz 12 no.10:559-560 0 '62.

BOLESLAV, Frantisek.

The tasks of transportation resulting from the 12th Congress of the Communist Party of Czechoslovakia. Doprava no.1:1-2 '63.

1: Ustredni vybor Komunisticke strany Ceskoslovenske.

BOLESLAV, Frantisak, inz. (Gottwaldov); HUBL, Frantisek (Malenovice)

A device for discovering hidden defects of high-voltage cable insulation under operation. Energetika Cz 13 no.4:228 Ap '63.

BOLESLAV, Frantisek, inz. (Gottwaldov - Elin); HREB, Frantisek
(Gottwaldov - Malenovice)

Device for discovery of hidden defects of high voltage in-
sulators during operation. Energetika Cz 14 no.6:311 Js '64

PHASE I BOOK EXPLOITATION

SOV/6431

Medovar, Boris Izrailevich, Yuriy Vadimovich Latash, Boleslav Ivanovich Maksimovich, and Leonid Mikhaylovich Stupak

Elektroshlakovyy pereplav (Electroslag Melting) Moscow, Metallurgizdat, 1963. 169 p. Errata slip inserted. 2250 copies printed.

Ed. (Title page): B.Ye. Paton, Academician, Academy of Sciences USSR, Lenin Prize Winner; Ed. of Publishing House: G.L. Pozdnyakova; Tech. Ed.: V.V.Mikhaylova.

PURPOSE: This book is intended for metallurgists working in the production of high-quality steels and alloys. It may also be useful to students at metallurgical schools of higher education, consumers of high-quality metal, and workers in various branches of metallurgy, machine building, shipbuilding, boiler making, and instrument making.

Card 1/6

Electroslag Melting (Cont.)

SOV/6431

COVERAGE: The book describes the electroslag melting of steel and alloys, a new method of producing high-quality metals. Results of scientific research work related to the electroslag melting method are summarized. Numerous data on the quality of metal produced by this method are presented, and prospects for the further development of electroslag melting are discussed. The authors thank S.A.Leybenzon, A.F.Tregubenko, M.M.Klyuyev, V.V.Topilina, V.S.Kultygin, Yu. A.Shalte, Professor and Doctor of Technical Sciences, G.A.Koval', and others for their assistance. They particularly thank B.Ye.Paton, Member of Academy of Sciences, Ukrainian SSR. There are 92 references, primarily Soviet.

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BOLESLAV, MAK

CZECHOSLOVAKIA / Acoustics. Electroacoustics and Engineering
Acoustics.

J-6

Abs Jour : Ref Zhur - Fizika No 3, 1957, No 7507

Author : Boleslav, Mak

Title : Nomogram for the Design of a Loudspeaker with an m-r Acoustic
Baffle.

Orig Pub : Sdelovaci techn., 1956, 4, No 5, 160

Abstract : Nomograms are given for the design of acoustic systems, improving the operation of a loudspeaker in the low frequency range. In these systems, the rear side of the cone is loaded by an acoustic circuit with a definite attenuation. Provision is made for three versions of the structural realization of the acoustic system.

Card : 1/1

- 85 -

BOLESLAV, M.

34

Present State of the (Cont.)

SOV/5799

Z. Kejval, V. Krauz, F. Kupka, F. Hajer, K. Marvan, J. Novak, J. Odobnal, K. Paul, B. Schner, M. Honz, J. Cudtka, V. Sindelka, and J. Solc; Eds.: A. Nejepsa and M. Vlk.

PURPOSE: This book is intended for engineers and scientific personnel concerned with the pressworking of metals.

COVERAGE: Published jointly by Mashgin and SNTL, the book discusses the present state of the pressworking of metals in the USSR and the Czechoslovak Socialist Republic. Chapters were written by both Soviet and Czechoslovak writers. No personalities are mentioned. There are 129 references: 93 Soviet, 16 English, 8 German, 5 Czech, and 2 French.

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PRESSWORKING IN THE USSR

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- Ch. VIII. Scientific Research Work in the Field of Cold Impact Forging of Metals [F. Hrdáčil, Plant Ineni Šmeral, Brno] 355
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- Ch. X. The Manufacturing Process and Organization in the Stamping of Bodies at the Automobile Plant "National Enterprise (AZNP) Mladá Boleslav" [Z. Kejval, AZNP, Mladá Boleslav] 397
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- Ch. XII. The Initial Pressworking of FeAl Alloys and Large FeCrAl Castings [F. Majer and J. Šolc, Scientific Research Institute of Iron, Prague].

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BOLDYREV, G.P.; VOGMAN, D.A.; NOVOKHATSKIY, I.P.; VERK, D.L.; DYUGAYEV, I.V.; KAVUN, V.M.; KURENKO, A.A.; UZBEKOV, M.R.; ARSEN'YEV, S.Ya.; YEGORKIN, A.N.; KORSAKOV, P.F.; KUZ'MIN, V.N.; STRELETS, B.A.; PATKOVSKIY, A.B.; BOLESLAVSKAYA, B.M.; INDENBOM, D.B.; FINKEL'SHTEYN, A.S.; SHAPIRO, I.S.; LAPIN, L.Yu.. Primali uchastiye: NEVSKAYA, G.I.; FEDOSEYEV, V.A.; KASPILOVSKIY, Ya.B.; ZERNOVA, K.V.. BARDIN, I.P., akademik, otv.red.; SATPAYEV, K.I., akademik, nauchnyy red.; STRUMILIN, akademik, nauchnyy red.; ANTIPOV, M.I., nauchnyy red.; BELYANCHIKOV, K.P., nauchnyy red.; YEROFEYEV, B.N., nauchnyy red.; KALGANOV, M.I., nauchnyy red.; SAMARIN, A.M., nauchnyy red.; SLEDZYUK, P.Ye., nauchnyy red.; KHLEBNIKOV, V.B., nauchnyy red.; STREYS, N.A., nauchnyy red.; BANKVITSER, A.L., red.izd-va; POLYAKOVA, T.V., tekhn.red.

[Iron ore deposits in central Kazakhstan and ways for their utilization] Zhelezorudnye mestorozhdenia TSentral'nogo Kazakhstana i puti ikh ispol'zovaniia. Otvetstvennyi red. I.P.Bardin. Moskva, 1960. 556 p. (MIRA 13:4)

1. Akademiya nauk SSSR. Mezhdudedomstvennaya postoyannaya komissiya po zhelezu. 2. Gosudarstvennyy institut po proyektirovaniyu gornykh predpriyatiy zhelezorudnoy i margantsvoy promyshlennosti i promyshlennosti nemetallicheskih iskopayemykh (Giproruda) (for Boldyrev, Vogman, Arsen'yev, Yegorkin, Korsakov, Kuz'min, Strelets, (Continued on next card)

BOLDYREV, G.P.--(continued). Card 2.

3. Institut geologicheskikh nauk AN Kazakhskoy SSR (for Novokhatskiy).
 4. Tsentral'no-Kazakhstanskoye geologicheskoye upravleniye Ministerstva geologii i okhrany nedr SSSR (for Verk, Dyugayev, Kavun, Kurenko, Uzbekov).
 5. Nauchno-issledovatel'skiy institut mekhanicheskoy obrabotki poleznykh iskopayemykh (Mikhanobr) (for Patkovskiy).
 6. Gosudarstvennyy institut proyektirovaniya metallurg.zavodov (Gipromez) (for Boleslavskaya, Indenbom, Finkel'shteyn, Nevskaya, Fedoseyev, Karpilovskiy).
 7. Mezhdunarodnaya postoyannaya komissiya po zhelezu AN SSSR (for Shapiro, Zernova, Kalganov).
 8. Gosplan SSSR (for Lapin).
- (Kazakhstan--Iron ores)

BELONOGOV, K.N.; BOLES LAVSKAYA, N.F.; GOSTIKIN, V.P.; NISHCHENKOVA, L.G.

Catalytic reduction of nitro derivatives by hydrogen. Part 1:
Effect of certain factors on the activity and stability of nickel
catalysts in the reduction of nitro derivatives by hydrogen in the
liquid phase. Izv.vys.ucheb.zav.;khim.i khim.tekh. 6 no.5:781-786
'63. (MIRA 16:12)

1. Ivanovskiy khimiko-tekhnologicheskiiy institut, kafedra fizicheskoy
i kolloidnoy khimii.

BOLESIAW, Gladysz (Poznan, ul. Chudoby 18 m. 9)

Roentgenological diagnosis of diseases of the osteo-hemopoietic system. Polskie arch. med. wewn. 29 no.2:191-201 1959.

1. Z Zakladu Radiologii A. M. w Poznaniu Kierownik: doc. dr med. B. Gladysz.

(BLOOD DISEASES, diag.
x-ray, review (Pol))

BOLESŁAW, Narbutt; LUCJA, Kopec

Adrenal function test with intravenous drip of ACTH. Polski tygod.
lek. 10 no.14:424-429 4 Apr 55.

1. Z Zakładu Patologii Ogólnej i Doswiadczałnej Śląskiej Akademii
Medycznej im. L. Waryńskiego; kierownik: prof. dr Kazimierz Dux i
z Oddziału Endokrynologicznego i Kliniki Chorob Wewnętrznych Śląskiej
Akademii Medycznej im L. Waryńskiego, kierownik: prof. dr Jozef Japa.

(ADRENAL GLAND, function test,
ACTH, intravenous drip)

(ACTH,
in adrenal gland funct. test)

BOLESOV, I.G.; KOLOSOV, M.N.; SHEMYAKIN, M.M., akademik

Synthesis of an analog of dimethyltetracycline. Dokl. AN SSSR
151 no.5:1097-1099 Ag '63. (MIRA 16:9)

1. Institut khimii prirodnykh soyedineniy AN SSSR.
(Tetracycline)

5(3)

AUTHORS: Yur'yev, Yu. K., Novitskiy, K. Yu., SOV/79-29-9-30/76
Bolesov, I. G.

TITLE: Investigation in the Series of Furan.
I. Synthesis of the N-(β -Oxyalkyl)-furfuryl Amine

PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 9, pp 2951-2954
(USSR)

ABSTRACT: The present paper deals with the synthesis of the mono-N-(β -oxyalkyl)-furfuryl amines from 2-furfuryl amine and the simplest α -oxides (oxides of ethylene and propylene) according to a method already earlier developed by the authors (Refs 6,7) and taking account of the papers quoted in references 1-5, among them the paper of A. A. Ponomarev et al. (Ref 5). According to the previous method, ethylene oxide was allowed to flow into the amine. The corresponding N-(β -oxyalkyl)-furfuryl amines resulted in an 86% yield. The yields were 83,5-92,5% at higher molar percentages of the α -oxides in the reaction with furfuryl amine. The properties of di-N-(β -oxyethyl)-furfuryl amine as synthesized by the authors were completely different from those of the preparation described by German authors (Ref 5): it is a colorless oil; its

Card 1/2

Investigation in the Series of Furan.

SOV/79-29-9-30/76

I. Synthesis of the N-(β -Oxyalkyl)-furfuryl Amine

picrate melts at 127-128^o; its refractive index is higher. Its infrared absorption spectrum confirms its structure: instead of the lacking frequencies which are characteristic of the N-H bond there is a broad band characterizing the group O-H. No crystalline hydrochloride was obtained in the passage of hydrogen chloride through the chloroform solution of the preparation. In the reaction with thionyl chloride the hydrochloride of di-N-(β -ethyl chloride)-furfuryl amine resulted which yielded N-(2-furfuryl)-thiomorpholine under the action of sodium sulphide (2 Schemes). The given data which confirm the structure of di-N-(β -oxyethyl)-furfuryl amine show that G. Drefahl and K. König (Ref 5) mistook this compound for another one. With α -oxides di-(2-furfuryl amine forms N-(β -oxyalkyl)-difurfuryl amines in high yields (Scheme 3). There are 9 references, 4 of which are Soviet.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet (Moscow State University)

SUBMITTED: July 14, 1958

Card 2/2

NOVITSKIY, K.Yu.; YUR'YEV, Yu.K.; AFANAS'YEVA, Yu.A.; BOLESOY, I.G.;
OLEYNIK, A.F.

Furan series. Part 6: β -Chloroethylamines of the furan
series. Zhur.ob.khim. 30 no.7:2199-2202 J1 '60.
(MIRA 13:7)

1. Moskovskiy gosudarstvennyy universitet.
(Furfurylamine) (Thionyl chloride)
(Furan)

ARBUZOV, Yu.A.; BOLESOV, I.G.; BREGADZE, V.I. ; KOLOSOV, M.N.; SHEMYAKIN, M.
M.; EL'PERINA, Ye.A.

Tetracycline series. Report No.18: Synthesis of 2- and 3-substituted 9-keto-1,2,3,4, 4a,9,9a,10-octahydroanthracenes. Izv.AN SSSR. Ser.khim. no.2:310-319 F '64. (MIRA 17:3)

1. Institut khimii prirodnykh soyedineniy AN SSSR.

ARBUZOV, Yu.A.; BOYENOV, I.G.; ZHURAV, A.L.; KOLOSOV, M.N.; OSANOVA, L.K.;
SHEMYAKIN, M.M.

Study of tetracyclines. Report No.33: Synthesis of 8-chloro-5-
methoxy-3,10-diketo-1,2,3,4,4 α ,9,9 α ,10-octahydroanthracene.
Izv. AN SSSR. Ser. khim. no.5:806-810 '65. (MIRA 18:5)

1. Institut khimii prirodnykh soedineniy AN SSSR.

BOLESOV, I.G.; KOLOSOV, M.N.; SHEMYAKIN, M.M.

Tetracycline series. Report No.34: Synthesis of 2-decarboxyamido-4-dedimethylamino-6,10,12-trideoxy-6-demethyl-11 α ,12-dihydro-tetracycline, an analog of 6-demethyltetracycline. Izv. AN SSSR. Ser. khim. no.6:1039-1044 '65. (MIRA 18:6)

1. Institut khimii prirodnykh soyedineniy AN SSSR.

S/020/63/149/003/024/028
B117/B186

AUTHORS: Nesmeyanov, A. N., Academician, Vol'kenau, N. A.,
Bolesova, I. N.

TITLE: Ligand exchange in ferrocene

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 149, no. 3, 1963, 615-618

TEXT: The replacement of a cyclopentadienyl ring by other ligands, performed for the first time, is described. When ferrocene is heated with aromatic hydrocarbons in the presence of aluminum chloride, one of the rings of the ferrocene core is replaced by an aromatic ring and a single charged cation of the aren-cyclopentadienyl iron is formed. Undesired oxidation of the ferrocene brought about by the $AlCl_3$ can be prevented by adding a reducing agent (aluminum powder). In this way tetraphenyl borates of the following compounds were produced: of benzene-cyclopentadienyl iron $C_{35}H_{31}BFe$, decomposition point $250-251^\circ C$; of mesitylene-cyclopentadienyl iron $C_{38}H_{37}BFe$, m.p. $257-258^\circ C$; of tetralin-cyclopentadienyl iron $C_{39}H_{37}BFe$,
Card. 1/3

Ligand exchange in ferrocene

S/020/63/149/003/024/028
B117/B186

m.p. 237.5-238.5°C. The reaction with naphthalene takes a similar course. The ligand exchange reaction also takes place for substituted ferrocenes, but is more complicated than with ferrocene. Heating diacetyl ferrocene with mesitylene in the presence of $AlCl_3$ gave the tetraphenyl borate of mesitylene-acetylcyclopentadienyl iron: $C_{40}H_{39}OBFe$, m.p. 197-198°C (decomposition point 199-200°C). The compounds produced are crystalline, yellow to light orange, highly soluble in acetone, dichloro ethane, acetonitrile, insoluble in alcohol, ether and benzene. As solids they are resistant to atmospheric oxygen. Decomposition, which soon occurs in organic solvents, is accelerated by light. Cations of the aren-cyclopentadienyl iron are fairly resistant to acids. The synthesis of iodides of benzene-cyclopentadienyl iron is described; it produced the following compounds: benzene-cyclopentadienyl iron triiodide, violet-red crystals, decomposition point 226-227°C. A black polyiodide of undetermined iodine content formed in the presence of iodine and KI (1:1). It was converted into triiodide by alcoholic KI as well as by reduction with a smaller amount of Na_2SO_3 . Energetic reduction of polyiodide and triiodide produced benzene-cyclopentadienyl iron iodide: $C_{11}H_{11}FeI$, yellow crystals, soluble

Card 2/3

Ligand exchange in ferrocene

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in water and alcohol, m.p. 230-230.5°C. Thermal decomposition of the tetraphenyl borates in vacuo produced ferrocene, some iron and, from the naphthalene derivative, also naphthalene, probably owing to cleavage of the aromatic hydrocarbon and disproportionation of the residue.

ASSOCIATION: Institut elementoorganicheskikh sovedineniy Akademii nauk SSSR (Institute of Elemental Organic Compounds of the Academy of Sciences USSR)

SUBMITTED: February 18, 1963

Card 3/3

ARBUZOV, Yu.A.; BIEVICH, K.A.; BOLESOVA, T.N.; VOLKOV, Yu.P.;
KOLOSOV, M.N.; SHEMYAKIN, M.M.

Tetracyclines. Report No.19: Synthesis of 2- and 3-substituted
10-keto-9-hydroxy-1,2,3,4a,9,9a,10-octahydroanthracenes. Izv.
AN SSSR. Ser.khim. no.3:482-491 Mr '64. (MIRA 17:4)

1. Institut khimii prirodnykh soedineniy AN SSSR.

L 35385-bb EWF(M)/EWF(J) RM

ACC NR: AP6026817

SOURCE CODE: UR/0020/66/166/003/0607/0610

AUTHOR: Nesmeyanov, A. N. (Academician); Vol'kenau, N. A.; Bolesova, I. N. 31
B

ORG: Institute of Organoelemental Compounds, AN SSSR (Institut elementoorganicheskikh soyedineniy AN SSSR)

TITLE: Interaction of ferrocene¹ with substituted aromatic compounds

SOURCE: AN SSSR. Doklady, v. 166, no. 3, 1966, 607-610

TOPIC TAGS: ferrocene, chemical reaction, molecular structure

ABSTRACT: This paper is a continuation of previous studies on exchange of the ligand group in ferrocene and its derivatives in the aromatic ring and the effect of substituents in the ferrocene nucleus on this reaction. Interaction of ferrocene with toluene, p-xylene, diphenyl, naphthalene, fluorene, aniline, acetanilide, chlorobenzene, bromobenzene, benzonitrile, acetophenone and thiophene was studied. Eight aromatic cyclopentadienyl iron salts were produced with substituents in the six-membered ring. Orig. art. has: 1 table. [JPRS: 36,455]

SUB CODE: 07 / SUBM DATE: 22Jul65 / ORIG REF: 002 / OTH REF: 003

Card 1/1

PE

UDC: 547

0916 2565

BOLESTA, S.

Technical standards in planning water structures. p. 114.

GOSPODARKA WODNA. Warszawa, Poland. Vol. 18, no. 3, 1959.

Monthly List of East European Accessions, (EEAI), IC, Vol.9, no. 2, Feb. 1960.
Uncl.

BOLESTA, Wojciech, mgr inż.

We should not permit further increase of the salt content in
the Oder River. Prsegl techn no.37:5 16 § '62.

BOLESTA, Wojciech, mgr. inż.

On the construction of the Augustow Canal. Gosp wodna
22 no.4:163-166 Ap '62.

BOLESTA, Wojciech, mgr., inż.

Scientific and technical conference on the river and torrent engineering
in the Sudetes. Gosp wodna 22 no. 3:116-118. Mr '62

1. Centralny Urzad Gospodarki Wodnej.

BOLESTA, Wojciach, mgr inz.

The first stage of the construction of the water reservoir in
Tresna is ended. Przegł techn no.51:6 23 D '62.

BOLESTA, Wojciech, mgr inz.

Torrent engineering in the mountainous Sola River Basin. Gosp wodna
23 no.1:25-26 Ja '63.

BOLESTA, Wojciech, mgr inż.

Zeran-Zegrze Canal open for navigation. Przegl techn 84 no.35:5
1 S '63.

BOLESTA, Wojciech, mgr inz.

The second stage of construction of the reservoir in Solina
has started. Przegl techn 86 no.2:8 10 Ja '65.

BOLESTA, Wojciech, mgr. inż.

Entrance training period. Przegl techn 84 no.51:8 22 D'63

BOLESZNY, Maria

The Great Magellanic Cloud. Term tud kozl 6 no.10:471
0 '62.

BOLETIN , E. A.

The utilization of industrial and agricultural waste for fodder. Moskva, Sel'khozgiz, 1945, 174 p.

1. Feeding and feeding stuffs.
2. Waste products.

RUSSIA I BOOK REVIEWS. 001/3940
 Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut khimicheskoy metallurgii. Izvitiye pretsizionnykh splavov
 Precizionnyye splavy (Precision Alloys) Moscow, Metallurgizdat, 1979. 268 p.
 (Series: Ita; Shornik trudy, v. 22) 2,150 copies printed.

Additional Sponsoring Agency: USSR. Gosudarstvennyy planovyy komitet
 Ed.: D. I. Gabrielyan; Ed. of Publishing House: Ye. I. Levit; Tech. Ed.:
 P. G. Isent'yan.

NOTE: This collection of articles is intended for technical personnel and scientific workers in the metallurgical, instrument-manufacturing, and electrical-equipment-manufacturing industries. It may also be useful to students of schools of higher technical education.

CONTENT: This collection of articles presents the results of studies of precision alloys made in recent years by the Tsentral'nyy nauchno-issledovatel'skiy institut khimicheskoy metallurgii (Central Scientific Research Institute of Ferrous Metallurgy). Properties of metal alloys which can be used for watch parts are described. The effect of electrical resistance and thermal expansion and the effect of irradiation on properties of alloys are considered. Problems connected with the determination of magnetic susceptibility and with rolling of bimetallic strips are reviewed. An analysis of alloys used in manufacturing high-temperature transducers and strain gauges is presented. No personalities are mentioned. References follow several of the articles.

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BOLEVSKI, G.

Electric innovations at the Sixteenth International Fair in Plovdiv. (To be contd.)
p. 19.

Vol. 6, no. 11, Nov. 1955
ELEKTROENERGIA
Sofiya, Bulgaria

So: Eastern European Accession Vol. 5 No. 4 April 1956

BOLEVSKI, G.

Electrotechnical novelty at the Sixteenth Fair in Plovdiv. p. 18.
ELEKTRONENERGIJA. Sofiya. Vol. 6, no. 12, Dec. 1955.

SOURCE: East European Accessions List. (EEAL) Library of Congress.
Vol. 5, No. 8, August 1956.

BOLEVSKI, GR.

Electrical Novelties at the 16th Sample Fair at Plovdiv. Elektroenergiya
(Electric Power), #11:19:Nov 55

BOLEVSKI, GR.

Novelties of Electrical Engineering at the 16th Sample Fair at Plovdiv.
Elektroenergiya (Electric Power), #12:18:Dec 55

BOLEVSKI, GR.

The Second Nation-wide Competition on Electric Power and Heat Energy Economy during 1955. Elektroenergiya (Electric Power), #12:22:Dec 55

BOLEVSKI, GR.

Mineral Coal Ashes as Source for Atomic Energy. Elektroenergiya (Electric Power), #12:22:Dec 55

BOLEVSKI, GR.

Articles Published in the Periodical "Electric Power" during 1955.
Elektroenergiya (Electric Power), #12:23:Dec 55

1ST AND 2ND COVERS PROCESSES AND PROPERTIES INDEX 1ST AND 4TH COVERS

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F

The sulfur deposit of Posadza. A. Bolevskil. *Bull. service géol. Pologne* 8, 205-301 (1935) (Germany summary); *Neues Jahrb. Mineral. Géol., Referate* 11, 1936, 193-4. — Deposits of free S were formed by the oxidation of sulfates in Miocene marine sediments. J. F. Schairer

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

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Native sulfur in Poland. Anulski, Boleslaw. *Przepln Chem.* 1, 21-5 (1937).--Native S is found at various points in beds of marl and limestone at 6 to 30 m. depth. S. content ranges between 4 and 10%. R. C. M.

TEST AND ANALYSIS PROCESSES AND PROPERTIES INDEX

Methods of obtaining sulfur from sulfurous rocks.
Andrzej Bolewski. *Przeegląd Chem.* 2, 512-17 (1938).—A 4
 review. E. Jozefowicz

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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COMMON ELEMENTS
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 OPEN

BOLEWSKI, ANDRZEJ

Determinative mineralogy. Andrzej Bolcowski and Stanislaw Jaskolski (Mining Acad., Krakow, Poland). *Panstwowy Inst. Geol., Prace Spec. 2*, 461 pp. (1951).
Michael Fleischer

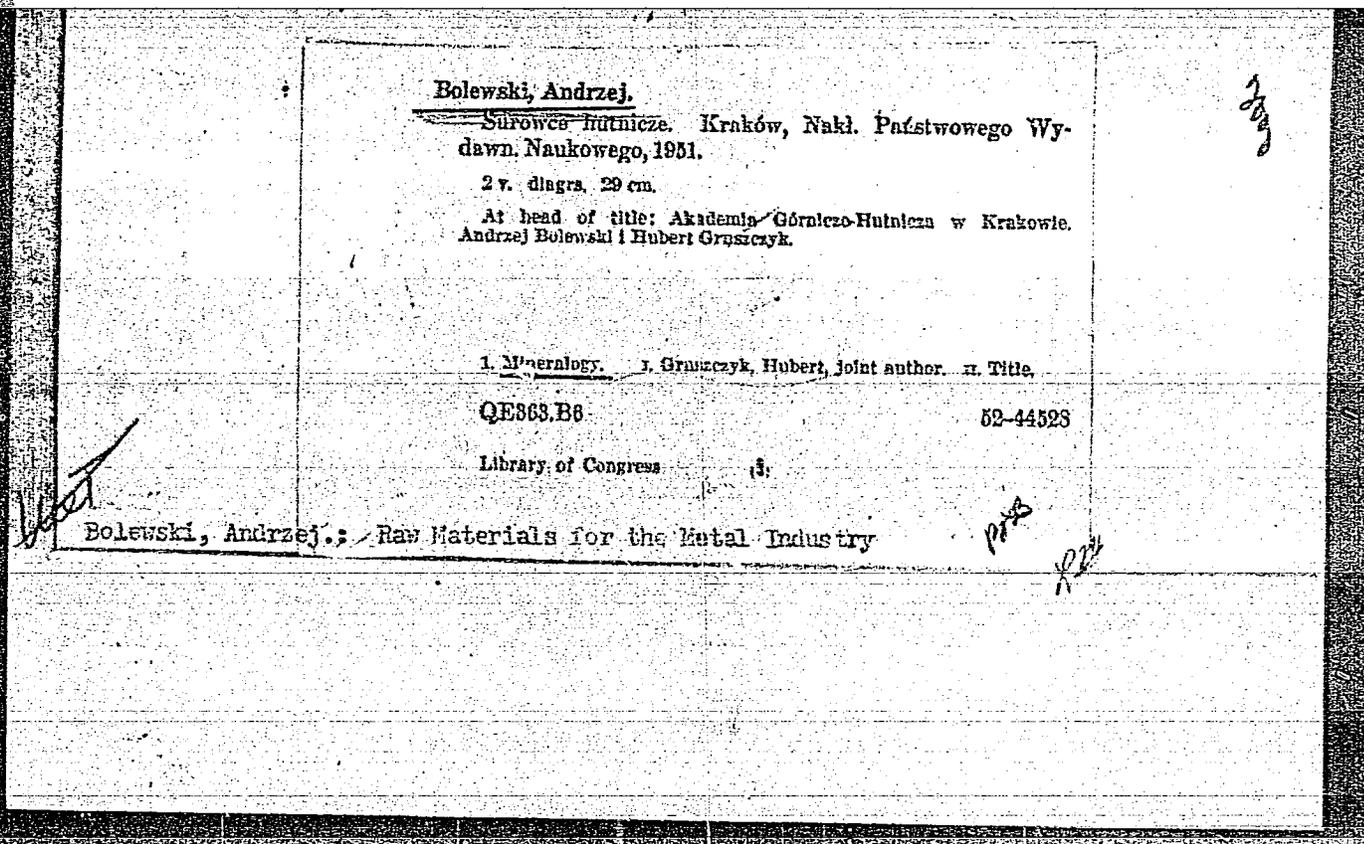
F

907. PROBLEM OF COKING COAL IN POLAND. Bolewski, A. (Hutnik, 1951, vol. 18, 1-6; abstr. in Chem. Abstr., 1951, vol 45, 9346). A survey of coking industries in Poland with a discussion of the possibilities of discoveries of new deposits. Bolewski stresses the need for exploration of the southern districts of Upper Silesia. Recent investigations of these areas confirm the expectations. Some deposits of coking coals were recently found in the upper part of the Vistula river Valley. The prospects and future possibilities are summarized. C.A.

BOLEWSKI, A.

"Exploitation of the Carpathian sandstones for building purposes," *Przegląd Geologiczny*, Warszawa, No 5, May 1954, p. 182.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, I.C.



POLEWICKI, ANDRZEJ.

Rozpoznawanie minerałów na podstawie cech zewnętrznych i własności chemicznych. (Wyd. 1.) Warszawa, Wydawn. Geologiczne, 1955 175 p. (Biblioteka zawodowa geologa. Metody pracy, 25) Identification of minerals by external features and chemical properties. 1st ed. illus., 1951, index, tables.

SOURCE: East European List (EEAL) Library of Congress,
Vol. 6, No. 1, January 1957

POLAND / GEOCHEMISTRY. GEOCHEMISTRY.
Hydrochemistry.

Abs Jour : Referat Zhur--Khimiya, No. 11, 1959, 38142

Author : Bolewski, A
Inst : Not given
Title : The Development of the Lower Silesian Mineral
Raw Materials Base During the Period 1945-1958.

Orig Pub : Przegląd Geol, 6, No. 8-9, 337-343 (1958) (in
Polish)

Abstract : No abstract.

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ROLEWSKI, A.

Witold Budryk; an obituary. p.91

Warszaw, Poland. PRZEGLAD GEOLOGICZNY. Wydawnictwo Geologiczne.
Vol.7, no.2, Feb. 1959

Monthly List of East European Accessions Index, (MEAI) LC, Vol. , no.6
June 1959
Uncl.

(17)

Source: [Illegible]

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10. [Illegible]
11. [Illegible]
12. [Illegible]
13. [Illegible]

(17)

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V4139 545.38.09 : 545.84
Bolewski K., Loginow W. Application of Conductometric Analysis in *Chem* 2
Paper Chromatography.

„Zastosowanie konduktometrii w rozdzielczej chromatografii bi-
bulowej”. Przemysł Chemiczny, No. 7, 1955, pp. 360-364, 5 figs., 4 tabs.
A conductometric method of quantitative determination of substan-
ces analysed by paper chromatography. A special apparatus was desig-
ned, which the authors propose to name a „chromatographic conducto-
meter”. Measurements were carried out for various concentrations of
ions Ni²⁺, Cu²⁺ and Fe³⁺ the results obtained being satisfactory. A dis-
cussion is included of the prospects of applying the analytical method
described in industrial laboratories.

PM *[Signature]*

BOLEWSKI, K.; LOGINOW, W.

Denaturation of albumen substances.

p.121 (Wiadomosci Chemiczne) Vol. 10, no. 3, Mar. 1956, Wroclaw, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

7

✓ Application of conductometric analysis in paper chromatography. K. Bolewski and W. Łoginow (Zakład Chem. Organicznej, Poznań, Poland). Przemysł Chem. 11(34), 380-4(1955); cf. C.A. 52, 15322c.—Substances sepd. by

paper chromatography can be quantitatively detd. by aid of a conductometric method, for which a special app., which is termed "chromatographic conductometer," has been designed. Measurements are presented for various concns. of Ni^{++} , Cu^{++} , and Fe^{+++} , which are satisfactory.

Werner Jacobson

cc
Ja 1/1

27 27 27

JF

Bolewski, K.

Denaturation of proteins. Konrad Bolewski and Wladimir Loginow (Akad. Med. Poznan, Poland). *Wiadomosci Chem.* 10, 121-20(1958).--The following topics are reviewed: physicochem. and chem. changes of denatured proteins, processes connected with denaturation, mechanism of denaturation, the effect of chem. reactions on denaturation, and biol. importance of denaturation. 47 references. Adam Sporzynski

Med 2

BOLEWSKI, KONRAD

V Conductimetric analysis in paper chromatography.
 Konrad Bolewski, Włodzisław Łopkowski (Univ. Poznań,
 Poland), and Roman Towarz. *Przyrodz. Nauk, Wydział
 Mat.-Przyrod., Prace Komisji Mat.-Przyrod.* 7, 3-16 (1958)
 (English summary).—Measuring the elec. cond., k , of
 chromatographic spots in comparative conditions is pro-
 posed instead of using color reactions. The dried filter paper
 with developed chromatogram was placed into the app. in
 an atm. satd. by water vapors at 30°, and k was detd. from
 point to point in 1- or 2-mm. intervals. Curves of k vs.
 distance were plotted; ratios of areas under the max. are
 equal to ratios of concns. As an example, Ni⁺⁺, Fe⁺⁺⁺,
 and Cu⁺⁺ (0.01-0.5N) were eluted by a mixt. of HCl (d.
 1.19), acetone, and BuOH (of 20:20:60 vol. ratio). Errors
 were larger for smaller concns. and for Fe (owing to hy-
 drolysis); max. errors were 8.8, 9.0, 14.0%, resp.; the
 mean error was 3.3%.
 I. Stecki

Distr: 4E4j

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gag

BOLEWSKI, Konrad

Quantitative determination of proteins by means of the immunoelectrophoregram. Arch.immun.ter.dosw. 8 no.3:497-511 '60.

1. Zaklad Chemii Ogolnej Akademii Medycznej w Poznaniu
(BLOOD PROTEINS chem)
(ELECTROPHORESIS)

BOLEWSKI, Konrad

Viscosimetric determination of small electrolyte concentrations
in the presence of sodium polymetacrylate. Chem anal 7
no.4:827-837 '62.

1. Department of General Chemistry, Academy of Medicine,
Poznan.

BOLEWSKI, Konrad, dr., adiunkt

Apparatus and equipment for studies on the double refraction in the flow of macromolecular compound solutions. Wiad chem 16 no.5:299-306 My '62.

1. Zakład Chemii Ogólnej, Akademia Medyczna, Poznan.

11-11-62

P/016/62/000/006/001/002
D204/D307

AUTHOR: Bolewski, Konrad, Doctor

TITLE: Theoretical basis and utilization of double refraction in streams of solutions of macromolecular compounds

PERIODICAL: Wiadomości chemiczne, ¹⁶no. 6, 1962, 343-360

TEXT: A review of the present status of the above field, based largely on the work of Professor V.N. Tsvetkov, Director of Laboratory no. 6 of the Institute of Macromolecular Compounds, AS USSR. Characteristic angle of orientation and characteristic double refraction (n) are defined and the relations of these quantities with the velocity gradient in the stream, concentration of the macromolecular compounds and viscosity of the solutions are shortly discussed. The orientation theory of Kuhn and deformation theory of Cerf are presented, followed by a semi-mathematical description of the relations between (n) and the mass, size and structure of the polymers in solution. The Tsvetkov-Frisman theory is
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Theoretical basis ...

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presented as an extension of Kuhn's concepts and its experimental verification is described. Methods of measuring (n) are described; such measurements give information on the optical anisotropy, shape and structure of the polymeric chain, as well as on the primary configuration of the polymer, i.e. on the nature and orientation of chemical bonds in the monomeric units. Examples of the applications are quoted. Wide utilization of such measurements is anticipated. Thanks are expressed to Tsvetkov and workers at the same Laboratory, for their cooperation with the author whilst he was familiarizing himself with the method. There are 10 figures, 1 table and 39 references: 21 Soviet-bloc. The most important English-language reference is: E.W. Frisman and V.N. Tsvetkov, J. Polymer Sci., 1958, 30, 297.

ASSOCIATION: Zakład chemii ogólnej Akademii Medycznej w Poznaniu
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SUBMITTED: December 16, 1961

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POLAND

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the Department of General Chemistry (Zaklad Chemii Ogolnej)
of the AM [Akademia Medyczna, Medical Academy] in Poznan
{Director: Acting Prof. Dr. Stanislaw RASZEJOWA}

"Attempt to Obtain Serum Against Human Protein for Immuno-
electrophoretic Studies."

Warsaw-Lublin, Medycyna Weterynaryjna, Vol 18, No 11, Nov
62, p 694.

Abstract: Authors describe experiments to obtain gelding
serum immunized against human protein. Results unsatisfac-
tory. Five references, of which two are Polish and three
Western.

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